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2. Short course on «Durability of Structures» Lisbon, Portugal, September 4 – 5, 1989

Introduction

A short course on fundamentals and selected topics on «Durability of Structures» will be conducted in Lisbon, prior to the IABSE Symposium on the same theme.

The objective is to teach the practitioner with basics and important developments in the durability of structures, so that he can increase significantly his knowledge in the field. The short course will also serve as an introduction to the following Symposium for those with limited knowledge or experience in the durability of structures.

Course description

Durability is the ability of the structure to maintain its level of reliability and serviceability during its lifetime. Durability aspects in planning, design and construction of new structures as well as maintenance, repair, rehabilitation and alterations of existing structures will be treated.

The short course will be divided in 7 sessions, each of 45' lecture and 30' discussion:

- Introduction
- Durability characteristics of main construction materials: steel and concrete
- Assessment of structures
- Repair methods: concrete surfaces, cracks, replacement or reinforcement
- Design for durability

and one workshop on: «Case studies on assessment».

Lecturers

Prof. **Harold Roper**, School of Civil and Mining Engineering, University of Sydney, Australia, and Dr. **Steen Rostam**, Consulting Engineer, Cowiconsult, Denmark, will be the main lecturers.

Further confirmations of lecturers are expected.

Participants

The enrollment will be limited to 40 participants: Structural engineers and construction managers from consulting offices, industry, education and government agencies, interested in obtaining a solid background and increasing their knowledge in the durability of structures.

Organisation

The short course is organized by IABSE on Monday 4 and Tuesday 5 September 1989, from 09.00 to 18.00 h at the Laboratorio Nacional de Engenharia Civil, Lisbon, Portugal.

It will be taught in English.

Information and registration

IABSE Secretariat
ETH Hönggerberg
CH-8093 Zürich

More information will be sent in May 1989 to those showing their interest in participating.